

Attorney's Docket No.: N1-P103

PATENT

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below, next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**CONTENT ADDRESSABLE MEMORY WITH CONFIGURABLE
CLASS-BASED STORAGE PARTITION**

the specification of which

X is attached hereto.
_____ was filed on _____ as
United States Application Number _____
or PCT International Application Number _____
and was amended on _____
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above.

I do not know and do not believe that the claimed invention was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, and that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (for a utility patent application) or six months (for a design patent application) prior to this application.

I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority
Claimed

(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No

I hereby claim the benefit under title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below

(Application Number)	Filing Date
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(Application Number)	Filing Date
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I hereby claim the benefit under Title 36, United States Code, Section 120 of any United States application(s), or 365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

<u>09/590,642</u> (U.S. Parent Application or) PCT Parent No.)	<u>June 8, 2000</u> Parent Filing Date	<u>Pending</u> (Status -- patented, pending, abandoned)	<u>Parent Patent No.</u> (if applicable)
<u>09/590,428</u> (U.S. Parent Application or) PCT Parent No.)	<u>June 8, 2000</u> Parent Filing Date	<u>Pending</u> (Status -- patented, pending, abandoned)	<u>Parent Patent No.</u> (if applicable)
<u>09/590,775</u> (U.S. Parent Application or) PCT Parent No.)	<u>June 8, 2000</u> Parent Filing Date	<u>Pending</u> (Status -- patented, pending, abandoned)	<u>Parent Patent No.</u> (if applicable)
<u>09/594,206</u> (U.S. Parent Application or) PCT Parent No.)	<u>June 14, 2000</u> Parent Filing Date	<u>Pending</u> (Status -- patented, pending, abandoned)	<u>Parent Patent No.</u> (if applicable)
<u>09/594,209</u> (U.S. Parent Application or) PCT Parent No.)	<u>June 14, 2000</u> Parent Filing Date	<u>Pending</u> (Status -- patented, pending, abandoned)	<u>Parent Patent No.</u> (if applicable)
<u>09/594,201</u> (U.S. Parent Application or) PCT Parent No.)	<u>June 14, 2000</u> Parent Filing Date	<u>Pending</u> (Status -- patented, pending, abandoned)	<u>Parent Patent No.</u> (if applicable)
<u>09/594,194</u> (U.S. Parent Application or) PCT Parent No.)	<u>June 14, 2000</u> Parent Filing Date	<u>Pending</u> (Status -- patented, pending, abandoned)	<u>Parent Patent No.</u> (if applicable)
<u>09/594,202</u> (U.S. Parent Application or) PCT Parent No.)	<u>June 14, 2000</u> Parent Filing Date	<u>Pending</u> (Status -- patented, pending, abandoned)	<u>Parent Patent No.</u> (if applicable)

As a named inventor, I hereby appoint the following registered practitioner(s), with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

I hereby appoint Charles E. Shemwell, Reg. No. 40,171 as my patent attorney, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

Send correspondence to, and direct telephone calls to:

Charles E. Shemwell
998 East El Camino Real
Suite 204
Sunnyvale, California 94087-7913

telephone: 408-736-3221
facsimile: 408-736-3248

I also hereby appoint Roland B. Cortes, Reg. No. 39,152, my patent attorney; of NetLogic Microsystems, Inc. located at 450 National Ave., Mountain View, CA 94043, telephone (650) 961-6676, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole/First Inventor Jose P. Pereira

Inventor's Signature [Signature] Date 08/27/01

Residence Cupertino, California Citizenship India
(City, State) (Country)

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Full Name of Second/Joint Inventor Varadaraian Srinivasan

Inventor's Signature [Signature] Date Aug. 27, 2001

Residence Los Altos Hills, California Citizenship U.S.A.
(City, State) (Country)

Mailing Address: 27835 Lupine Road
Los Altos Hills, CA 94022

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

Serial No.	Filed	Title	Assignment Recorded at Reel/Frame
09/922,423	8/3/2001	Content Addressable Memory With Error Detection	
09/940,832	8/27/2001	Content Addressable Memory With Configurable Class- Based Storage Partition	012130/0209
09/954,827	9/18/2001	Content Addressable Memory With Error Detection Signaling	012491/0317
09/963,334	9/24/2001	Content Addressable Memory With Range Compare Function	012209/0131
09/999,798	10/31/2001	Content Addressable Memory With Block-Programmable Mask Write Mode, Word Width And Priority	012650/0074
09/999,800	10/31/2001	Content Addressable Memory With Selectable Mask Write Mode	012649/0959
10/000,122	10/31/2001	Content Addressable Memory With Programmable Word Width And Programmable Priority	012649/0943
10/002,713	11/1/2001	Content Addressable Memory With Priority-Biased Error Detection Sequencing	012351/0078
10/061,941	2/1/2002	Content Addressable Memory Device	012824/0970
10/062,307	2/1/2002	Content Addressable Memory Device	012825/0022
10/121,344	4/12/2002	Content Addressable Memory With Selective Error Logging	012796/0130
10/163,263	6/5/2002	Content Addressable Memory Device With Simultaneous Write And Compare Function	

Power of Attorney by Assignee and Certification
Under 37 CFR §3.73(b)

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

I, the undersigned, acting on behalf of the Assignee of the entire right, title and interest in the above-referenced patent applications, hereby revoke all prior powers of attorney for said applications and appoint the practitioners at Customer Number 30554, the Customer Number of Shemwell & Gregory LLP, as my/our attorney(s) or agent(s) to prosecute said applications, and to transact all business in the United States Patent and Trademark Office connected therewith. This appointment is to the exclusion of the inventor(s) and their attorney(s) and agent(s) in accordance with the provisions of 37 CFR 3.71.

Effective immediately, please direct all further communications in the above-identified patent application to the following address:

Shemwell & Gregory LLP
4880 Stevens Creek Blvd., Ste. 201
San Jose, CA 95129

Telephone: (408) 236-6640
Facsimile: (408) 236-6641
Customer No. 30554

In accordance with 37 CFR 3.73(b), I hereby certify that I am empowered to act on behalf of the Assignee. To the best of my knowledge and belief, title is in the Assignee, as evidenced by the assignments recorded in the Patent and Trademark Office at the above-indicated reel/frame locations or, if reel/frame is not indicated above, by the assignment documents attached hereto.

I further declare that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, USC §1001 and that such willful false statements may jeopardize the validity of the this application or any patent resulting therefrom.

ASSIGNEE: NetLogic Microsystems, Inc.

Signature:

Ronald S. Jankov

Typed Name:

Ronald S. Jankov

Title:

President and CEO

Date:

July 9, 2002

Address:

450 National Avenue
Mountain View, California 94043